



PATENT ABSTRACTS OF JAPAN

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(72) Inventor: OTANI TERUYUKI
UTSUNOMIYA MASAO
TSUJI MAKOTO(54) METHOD OF MANUFACTURING METALLIC
SEPARATOR FOR FUEL CELL

(57) Abstract:

PROBLEM TO BE SOLVED: To manufacture a sound separator by restraining a conductive inclusion from falling when molding it by press-molding.

SOLUTION: A high polymer film 20 of polyvinylidene chloride is sandwiched between a pair of upper and lower dies 1a, 1b and a material plate 10 of a separator to mold them by pressing. A plurality of films 20 may be used and lubricant may be applied to one face or both faces of the film 20. As for the thickness of

the film, the total thickness sandwiched between the dies 1a, 1b and the material plate 10 is preferably as much as 0.01-0.5 mm when the lubricant is not used, and it is preferably as much as 0.006-0.2 mm when the lubricant is used.

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